

U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION ENVIRONMENTAL DATA SERVICE

STORM DATA

Volume 12 No. 1 JANUARY 1970

	•			,	_						_								JANUARY 1970
		OCAL	PATH.	HT.		OF		ATED!	Q			OCAL	PATH	HTA.		OF SONS		ATED!	Gun are-
. PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KALLED	INJURED	PROPERTY	CROPS	CHARAGTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Alabama	<u> </u>			repor	ted					Florida (continued) 6	10:40a							Damaging Winds
Alaska			None	repor	ted					(29 mis. E fampa)	Win.	s estimat	d at	75 moh.	Gro	res d	la maged	south	of Lakeland.
Arizona	۱.		None	repor	ted					Bartov		stimate on			0	0	2	. 0	Damaging Wind
Arkansas			None	repor	ted					(36 mis. E Tampa) Polk County		10.4%			ľ		~		2
California	8-				5		6		Rain and wind ·		1		and:	ences 1	lows	down	in no	rthwes	t part of city.
California	26 and	portions.	of the	North	coast	ins i Drai	n the	upper aused	Sacramento Valley flooding on the and Lake Counties.	Mulberry (27 mis. ESE Tampa) Polk County	. 6	11:00a							Tornado
	Hig dis	ways were	close indsli	d, and des dam	telep	none or de	and postroye	wer se i seve	rvices were ral homes in the	Avon Park (56 mis. S Orlando)	6	11:350							Tornado
	when	a large was drown	ruck ed whe	and tra	ler	was c trail	vertur er sli	ned by d into	bridge was closed the wind. One the Tuolumne	Highlands County Palm Beach Gardens	14	8:05p]	0	0	0	0	Tornado
	tur	ed near R her near	edding werne	1 man Ville W	was ben t	drown heir	ed nea	r Hidd overtu	ir raft over- letown and rned. 3 persons	(10 mis. NV Palm Beach Palm Beach County									
		e rescued en Gate.	by the	Coast	Guard	from	a cap	sized	boat off the	Fort Pierce vicinity	Pow	r lines de 7:00a	wned.	Struck	180	Lated 0	area.	No d	amage. Tornado
Colorado Northeastern Colorado					0	0	4	0	Wind	St. Lucie County			r den	olished			1		Estimated \$4000.
	Caus	ed mostly	light	but wi	despr	esd d	amage :	in the	ut 7pm of the 25th northeast portion	Georgia					!			!	
	of t For were	he state. Collins l estimate	Wind Detween Detween	gusts l n llam en 60 a	etwe	paof Deaph	and 6 the 2 during	Samph w 5th. the d	ere measured at In Boulder winds by and one gust	North	5- 6	l to 5 in	ches s	f ener	O	? ed ti	h a are	0 norti	Snow of a line from
	on 1	measured able Mesa h during	t 122: Uno: the mig	mph late ficial ght of	on meas he 2	the 2 preme th a	hth at nts at nd on	the N Yuva the 25	In Boulder winds by and one gust CAR installation gave winds 60 to th. Damage in		Atla	nta to dai	nesvil ny bas	le. Ro inesses	nds w	oro ere	ertren	ly ha: here :	ardous and most ere some power
	power hour	cases was r lines. s. Grass	from Blowing fires	broken g dust caused	wind close mino	ows, ed hi dam	broken ghways nge in	tree near scatt	th. Damage in limbs, and downed Yuma for several ered localities. , a building under	Statewide	8- 10				2	0	5	0	Cold Wave
	COUR	of was blo truction : Fort Col	uss com	a hous	e at Bou	Eldo lder,	end a	prings trail	, a building under er was overturned		One in G	eorgia bro	aght t	amerat	ures	rang	ing fr	on ⊸1.0*	ever experienced at Mairsville
Eastern Colorado		Most of			o	0	Įį	0.	Wind		zero	or below hern half	and te	mperatu State	res da Tes	un to peral	50 10	re rep	h of Atlants had orted over the d continuously
	High of t	winds car he mountain	nsed so	attered house	dam trai	age i Ler w	n area as blo and a	s alon wn off campa	g the front ranges the highway and r was blown off a		gas	pressure d	anned	a 1056	or he	at 11	i mană	DOMES	atled to rise he State. Low and forced the
,	pick tref	up truck : fic on ser	n the eral	same at	ea. cunt	High in p	winds sesss.	or bl Some	property damage		supp heav	lies off t	o hund Heavy	reds of losses	home	s and	resul	ted 1:	pipes out water widespread poultry industry.
Connecticut				repor						Worth	n-	beobre gre	1 or e	xposure	0	ave <u>m</u>	an in	0	ed houses. Snow, alcot and freezing rain
Delaware			1								bv a	coat of 1	os. X	ost ros	da we	re is	008881	le or	d was covered extremely
State		Afternoon to afternoon		•.					Snow		mme	rous autori	اعتناه	acciden	te we	re re	por te	. On	tailing many d by falls and man was killed
	the		ffici	l tota	of	9.5 i	nches	was re	rom 5 to 8 inches; ported by the	North	in A 23	tlanta whe	n prime	ed agai	nerta 0	pole ?	f pale	s slic	Snow
State	8-11 and				1	0	5		Low temperatures		fore	ed the old	sing d	f school	la an	d ou	rtailm	nt of	d of the State
	20-24		tion (of the	7th	and t	he 18t	h. Jan	uary temperatures		for	the fourth	time e repo	in less rted as	than	.3 ₩	eks.	HARRIY	ous road in the west and
	fron	the 1st	hrough	the 24 th below	th w	ere b mal.	elow n The 1	ormal ow tem	and from the 8th peratures on the dates at the	Gwinnett County near Dacula	29	5 pm.	1/2	35	0	0	ħ	0	Torundo
	Wilm	ington Wei d frozen	ther l	ureau d h in tì	irpo le Wi	rt St Lming	ation. ton ar	On t ea. M	ne 9th a man was any motorists utomobiles. Frozen		buil	lines. Ro	ofa we	re damei	zed á	n oti	er re	ddenod	veral small s and trees s storm as it
	wate the	r pipes a: state. A	d hear power	ing sys	tems deve	reac Loped	hed ep becau	idemic se of	proportions over increased power skaters many days			l northeas							
	to e	njoy this ice of th	sport Cape	. By ti May-Let	e 13 es f	ch ic	e cond A se	itions cond p	interrupted the eriod of much below a 24th. As a result	Hawaii All Islands	13- 14		-		٥	0	7	5	Windstorm
	Janı	arv 1970 I	ecame	the co	dest	Janua	ry sin	ce 194	e 24ch. As a resum O and the third n Weather Bureau.		Stro	d greates	t do11	ar dama	ge ev	er re	porte	inti	ere cold front e State for a
Florida	1	13.150a							Waterspout		sing mill	le weather Lon, on Oa	event hu) an	(about d highe	\$6.8 st will	4 mil nds	lion, of reco	94 per ord on	cent of it, \$6,43 Oahu (a gust of ion at 11:41 p.m.
(10 mis. SE)									Vaterspout		on 1 Lihu	3th). Obs	erved Kilau	peak gu ea Poin	sts e	lsewi mph	ere w	re his a Rids	hest on Kauai: e (elevation 1,614 est in areas to
Esy West (20 mis. SW)	1	2:00p									lee Scho	of mountai	ns, su acks o	ggestin n centr	g text	rain hu to	effect	s. De	mage heaviest at kole Pass (U. S. and shops de-
Apollo Beach (10 mis. S Tampa) Hillsborough.County	6	10:05a			0	2	4	0	Tornado		stro	red, 50 ot royed or d	ners d maged	amaged: by win	\$3,1 d and	25 m	111on 1: \$850	supp.	ies and equipment utilities and com- \$46,000; miscel-
Ę		trailers r and tele							1 at \$22,000.		1ane \$220	ous, \$84,0 000. Fiv	00; tr e hund	ees and red lar	grou ge tr	nds 1 ees 1	epair ere bl	\$50,0	00; cleanup, wn. Most of re- and Kaneohe where
Ruskin Hillsborough County	6	10:15a			0	2	2		Tornsdo		one off,	45,000 ho many tree	me tot upro	ally de oted an	stroy d dam	ed, d	ver 50 util:	roofs ty lis	partially ripped es downed. Kaneohe
	Plat	e glass w	ndow	olown or	le.	500	damago	.	1		#AT1	oe Corps A 000 to 86	r Sta build	ings, m	p orte ostly	u \$45 rooi	ບ,000 a (dan	uamage uge ex	, including tensive to 3,

	뒿	PATH	_	NO.	OF SONS	ESTIM	ATED1		. 1		AI,	РАТН	Ŧ		OF SONS	ESTIM. DAM		
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF PA	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PA	WIDTH OF PATH (YARDS)	אורר בם	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Hawaii (continued) . [-	1 				I]	Indiana (continued			 !		 .				<u> </u>
	\$10,000 for	cleanup	Fifty	tree	s upro	ooted	on Bar	er antenna; and e and 350 others ch ofer 80 percent	Terre Haute, near	8 Lady	, age 88,	found	dead in	l hea	less	home.		Extreme cold
	to bananas (160 acr	es) and	renai	nder	to par	ayas (66 acres).	Tipton	9 Rioh	tv vear ol	d man	died of	1 exp	sure	in hi	s home	Extreme cold when heating oil
	(mostly roof	s and p	late gla	uss) d	nd uti	ilitie	s; \$1:	ses and 20 homes 5,000 to public			ly was ext							
	Property, mo Wailta (\$100	stly at 0,000) a	Univers	ty o	f Have banar	aii Ex nas, p	per im apayas	nt Station at and cucumbers.	Summitville	9 Lady	, age 66,	found	frozen	in f	irm h	ome dr	veway	Extreme cold
	Hawaii Islan	d's \$59	,000 dam	age 1	nclude cted	ed \$40	,000 t	o papayas (15 per- oyed).	Connersville	9 Man,	age 84, f	ound o	lead in	1 _. un-he	ated	house	trail	Extreme cold
	1 1				i I			to utilities.	Northern and central	20-								Snow, cold
•	Typical rain			wind	-batte	ered a	reas (n Kauaí and Oahu		Haza	rdous rosc	s and	subzero	tem	erat	res c	osed	many schools.
Kamalo, Molokai	25 12 noor	Ī						Waterspout	Iowa			None	repor	ted				
Island	12:03 1								Kansas			None	repor	ted				
	of Kamalo	m Molok	si's sou	th st	ore.	Spout	exte	east-southeast ded vertically to nd then gradually	Kentucky			None	repor	teđ				
		Weather	at Kama	Lo su				nd, but with shower					•		,			
Idaho			1		i				Louisiana State	6-11				0	0	?	?	Cold
Most of State	9-28 All day	- (0	0	î	7	Rain and snow		Hard 1966	freezes or 1964.	severa Mini	l morni: mm tem;	ngs d perat	uring	colde	st wes	ther since to 15°
	produced re	cord mor	nthly pr	ecipi	tation	ı. Ra	in bel	ring this period ow 4,500 feet ele- elevations ranged		nort	h and cen s 7th, 8t	tral, n, 9th	15° to 2 , or 10	4°а h.	outh. Some	Cold anow a	eat de catter	ys most ed northern
	divisional in the drie	moistur r North	e from 2 eastern	00 to Valle	340 p ys whe	ercen	t abou	e normal except weraged only 80										th and 7th, ccidents.
	19 days wit	h fewer	noted i	n the	easte	ern va	lleys	aled from 11 to and plains.	North	19	Morning			0	0	0	0	Sleet, snow,
	cord of 16	consecu	tive day	s of	precip	itati	on. I	a new January re- lost of the January s in the south-										glaze
	western sec	tor ext	ending f	rom N	ev Mes	awohr	south	ard to Bliss tot-		Webs Webs	cls close ter, Unio	d in s n, Lin	everal : coln, M	orth oreho	ern I	arishe Ouachi	ta, ar	uding d East and et, and
	Ret at 5 st	hirteen	of thes	e eas	tern b	order	and a	ilar records were stations morth of eeded their prev-		snow	glazed a	rea ro	ads and	high	ways.	18 14	, 510	ev, and
	test area w	ith new	record	total	e rang	ging f	rom 9.	asin was the wet- 0 to 11.4 inches. above 5,000 feet.	Tensas Parish	29	10:25 a.			0	0	0	0	Tornado
Latah and Nesperce	17- 6:00 р.	. 50	*60	i	1		0	Snow and rain		Tens	as Parish	Deput	y Sheri:	f an	l rar	ch for	eman s	ighted of St. Joseph,
Counties	18 17th 9:00 p. 18th	• !								DOV	ng north- ath in Cl	porthe	ast up	the M	iesis	sippi	River.	No evidence
	A snow stor	m furni	shed 3 t en roof	o 8 i colla	nches psed c	of we	t snow	across northern ing dock at Lewis- accumulation on	Maine			None	repor	ted				
1	the ground travel. Ru	as well	as fog	delay	ed air	rline	flight	s and slowed bus	M 1 1									
Kendrick, Latah	24 9:03 a.	-		0	0	4	0	Rain	Maryland State		Afternoon to afternoon							Snow
County								n the Kendrick					eavy sn	ow fa	11 ra	nged r	ostly	from 4 to 7 inches
	ened ground	caused	to 7.0 an 80 b	y 50	foot s	sectio	itation of i	m. The rain soft- ill at Kendrick in Street, The		weat		on at	Coleman					he northeast. The mty reported as
	slide broke covered a b	two re	taining d and dr	valla Lvewa	, crus	shed a h mud	car : while	n a carport, and up to 4 inches of	State and District	8-11		inches		0	0	5	0	Low temperatures
Bonner and Boundary	26- 1:00 p	., 80	1	O	o 0	of a h	onse an	d Methodist Church. Snow	of Columbia	and 20-23								
Counties	27 26th 6:00 a 27th						}											temperatures from 8th through the
	This four	county s	now stor	rn ext	ending ontan	g from	Pend incl	Oreille County in ded these two		11th	were ver	y much reakin	below t	norma his d	l. 1	he low	tempe stati	ratures on the 9th ons and departures
	of 7 to 10	i the Id Inches	aho Pani was cond	handle centra	. Str	rong v n the	inds area	nd wet snowfall etween Priest		as r	uch as 29	or 3	p•. 0ո	this	same	date	many	ns in the area wer motorists had grea
	content of	the sno	Clark Fo	from	0.8	int ar to 1.3	id Boni	ers Ferry. Water s. Telephone and and spread across breaking lines.	}	for	ed to can	cel tr	ips, mo	stly	becau	se of	froze	rban bus lines wer air lines which g. Frozen water
	More than	0 trees	were by	roken	down 4	along	one ti	ree-mile section		pipe stat	s and hea	ting s	ystæms: ks and:	reach river	ed er s bec	idemia ame fi	propo	rtions over the giving skaters
	to 13 hours	. Scho	ols were					s lasted from 3½ les on the 27th		seco	days to nd from t apeake Ba	he 20t	h to th	e 23r	d. J	anuary	ice o	was followed by a onditions over the
	from snow-	togged	roads.					,	Washington D.G.	20	Afternoo		Decame	0	0	5	0	Snow and glaze
Illinois Williamson Co.	28 10p			0	0	3	0	High Wind	Metropolitan Area	A 01	a-inah sa	hufall	oover	ina r	nada	and et	renta	
	warehouse	e aind b	ntoken	limb	s bro	oke u	t1111	roof from a y lines in		tre:	cherous 1 s and one	ayer o	f snow, e worst	caus rush	ed hu	ndred:	of mi pain	with a thin but nor traffic acci- memory. One death
	Marion. damage i	Opte of	fice-t	raii	er ov	vertu	rned	and other minor		was								during a traffic
Indiana									Western portion		1 Afterno to Mornin							Wind and snow
North and central	7- 9							Snow. Prolonged extreme cold										Strong winds esti nsiderable driftin
	schools and	curtail	ed busi	nesse	and	plant	opera	emperatures closed tions because of the cold.		and all	made it m under 4	ost di Inches	fficult Scho	to k	eep r	oads (pen.	Snowfall was gener o days in Garrett
	Prospective						- ceu t				ty becaus				1			1
	1 7	1	1	1	ı l		1	Extreme cold	1									

		,	Ε	_		. OF		ATED				٠	¥	_		. OF		ATED!	
		TIME - LOCAL STANDARD	PATH	WIDTH OF PATH (YARDS)	PER	SONS	DAN	MGE	CHARACTER	İ		TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	PER	SONS	DAH	MGE	CHARACTER
PLACE	1	AR .	LENGTH OF (MILES)	F 88	Ì		È	ì	OF .	PLACE	1	ART.	E S	RPS			È		OF
	<u> </u>	N SE	Įξ	34	KILLED	NJURED	PROPERTY	CROPS	STORM		<u> </u>	AND	Ę	34	KILLED	NJURED	PROPERTY	CROPS	STORM
	DATE	IT	9	₽	를	Ž	ž	Š	1		DATE	TI	9	≱	불	Z	Ĕ	Ť	
Massachusetts	 		1	ĺ	ĺ		<u></u>	ľ	ľ	Mississippi (contin	ued)		J		1	<u> </u>	١.	Ī.	
Washington	9	Night		Ì	0	0	4	0	Wind	Mississippi (contin	and	ed on 19t. bridges.	h but o	losed	with ou fli	n the	hour	becan	NOLA COUNTY: South
		Wind, aid	ded by	an acc	mula	ed h	eavy				Pano	la Distri	t Soh	ols ol	dsed 1	y 1c	and a	snow 1	th and 20th.
		1	u, coi	Lapsou	١.			,	l i		an e	ffort to	over ababe	the gro	und a	nd ro	eqs su Annau	d high	n) sleet had made rays were difficult fore daylight early feeville School i County schools atrol snow report we Albany and County
Cape Cod	20-	Night			0	0	3	0	Snow, wind		to t	ravel	th)	ow fel	l (ab	out 3, MISHA	COMBA	gain be	fore daylight early
		Snowfall Cape Cod	range	from	to	12 in	ches o	n			clos	ed 19th m	d 20th	TIP	PAH C	UNTY	Rip	ery and	County schools
		Mass. St	rong	vinds c	used	drif	ts up	to			5:15	a.m. Net	w Alba	y 1 1/	2 inc	88 0	a Blon	nd. No	w Albany and County
		closed or	ost so	hools on 21st.	the ery	Cape Littl	were e snow												
		fell over	most	of the	stat	•					Cori	nth 1 1/2	to 2	nches	on gr	und.	Cori	th me	or 5:15 a.m. 1 County Schools 19th and 20th.
State	25-	Night			0	0	3	0	Glaze		Nort	heast Kis	1881p	d Juni	or Co	llege	and B	aldığı	closed 20th.
	20	Freezing	rain	began 1	te o	the	25th	and co	n-	Northern Mississippi	21-	night			0	0	?	0	Snow
		tinued in with ice.	nto mo Mos	ning o	f 26t	n to	coat s ere th	urface in bu	B		22 Pate	morning		mostly	ligt	t. m	wed in	to we	tern and central
	Ì	with ice, were from motoring	t to	inch	in s	ots.	Hund	reds o	r		Miss	issippi n	ghto	2let	and a	read	esstw	ard. 1	ississippi Highway
1		achools	closed	on 26t	3110	CI.	· vaus.	many											h of Highway 82
25:3:		l	Ī																hes of snow report-
Michigan Near Calumet,	7-8	ĺ			1	1	0	0	Exposure to		of #	now report	ed on	ground	at P	rchm	m. Y	LOBUSI	LA COUNTY: Coffee-
Houghton County	1				İ	1		1	Cold										TEBERA COUNTY: At
									on the 7th, e 8th. One was		note	d 1	the so	threst	ern p	rt o	the	county	apparently the
	dead	and the	othe	r was					ring from frost		melt	ing but th	at the	highw	W Was	stil	l dang	erous	Newspaper noted
	bite	and exp	osure																snow as well as not affected
Muskegon,	22- 26				0	0	4	0	Heavy Snow Wind			,	, .		-]
Muskegon County	Heav								1 two two-story	Missouri			None	repor	ted				İ
									uilding. As it cut. On the	Montana			None	repor	ted				i
	26t1	, the ro	of or	the (ity	Gara	ge co	llaps	ed from the										[
									Only one of nsively damaged	Nebraska			None	repor	ted		·		Ì
		LIULA			,					N7 1					Ì				
Minnesota			None	repor	ted			ŧ		Nevada Washoe County	24	AM-PM	i		0	0	7	3	snowstorm, flood
Mississippi															ĺ				
Northern Mississippi	6				0	0	?	0	Freezing rain,			owstorm s ows. Per							
									: snow freezing tempera-		cont	ributed to	o heav	v melti	be an	l fld	oding	1 1	Ì
									bridges. Hazardous		rep	rted wash	ed out	in nor	thern	Wash	oe Cou	nty.	
(nort	hern Missi	setpp:	from]	ight	to m	derate	STOW.	at 5:40 a.m.		flo	ded by th	e Truc	kee Riv	er.	Ranch	ers re	porte d	ł
	Vick	sburg-Mari	dian .	Line. 1	he a	es of	1ced	over 1	ridges and roads dismissed sarly.		or f	grazing atality w	ав гер	orted.	Blow	ing e	nd dri	fting	{
}	The	Highway Pa	trol :	said mos	t sci	cols	in the	New A	lbamy Patrol area		влоч	r closed t	he Mt.	Kose n	Ignwa	y ten	porarı	եր,]	
	and	the Highwa	y Pat	ol repo	rted	that	at 5]	om. ti	n the afternoon e roads had dried	New Hampshire					i				
	in m	bet section k spots in	ns of	norther	on bi	Biss:	ppl;	here i	ere still a few ses - where water	State	28- 29	Night			0	0	4	٥	Wind, glaze
	had	frozen. (CAHOM	d COUNTY	r Br	idge	in C	arkadı	le and county were nty system were		~	Scattere							Ling
	diam	seed, BC	LIVAR	COUNTY	A	rivat	e sch	ol at	Benoit was closed.			Scattere	d glaz	e, most	es, m ly in	cent	n no	ction.	
	scho	ols. Clas	ses a	Leland	sch	ol me	re die	miase	losed Western Line shortly after noon										
	aaid	Batesvill	e sta	ting to	ice	over	6 a.m	: albox	Highway Patrol	New Jersey			моле	repor	ted				ę
	fell	in area a	nd all	school	a in	count	y were	close	d. LAPAYETTE .m. BENTON COUNTY!	New Mexico			None	repor	ted				Ş
	High	ery Patrol	repor	ted 1 1	nch t	now o	n gra	nd at	Ashland at 6:20 a.m.	!									
State	7-				0	0	?	9	Cold	New York Great Lakes Counties	4-								Snow squalls
1	9 Cold	temperatu	res s	read or	er th	e st	te. I	ost s	ations reported	1	6								
1	thei had	r lowest t locations	report	ing 10	r the	mont colds	noni r. K	ne 9th wrten	. Each division eratures ranged at Winoma. Most 66. Many water										over three-day outheastern lee
1	from	200F, at	Bay Si	Louis	and col-	Bilo	i, to	-lop,	at Winone. Most		of I	ake Ontar:	io. S	now tot	als of	mos	եշ այլ և	to 8 th	ches on 4-5th in
	pape	s Irose, a	and som	OLICODATE	Dati	er184	Mere	eripp.	ped by mard cranking.		inn	orthern s	uburbs	of Buf:	falo.	Pul	aski a	nd nea	by areas of Os-
{	gas	pipline ec	mpanie	s exper	i.ence	d gas	short	ages ?	orted in some areas or low pressures,										to 12 inches same in Oswego area on
	homo	DAVIDORAT	-	ted two	- COMP	1	-	-21 d	TME COUNTY: Waynes	•	6th	under con	iltion	of ve	ry li	ght w	inds.	Highw	y and city travel visibility and
1	low .	ZAS DTOSSU	re	» C	ALHOI	b⊪ coni	NTY:	Office	manager of Bruce		Blic	k roads.	Many	auto ac	cideni	ts wil	th sec	tions	of highways closed
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JANUARY 1970

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during the first 24 days of the month. Strong winds	ending 15
accompanied true extreme cold on many days. lemperatures distance east of Wake moved from south at 10 miles an hou	
for natural gas exceeded the supply. Because of this, many businesses, factories, and schools were forced to	
close. At many locations, the maximum temperature on 8th Pennsylvania	
failed to reach 0°F. For many sites, this was the lowest Dallas, Luzerne Co. 1-3 Day 3 Snow maximum temperature of the century. Snows were frequent	
and because of the low temperatures the ground remained Several minor traffic accidents resulting from ity roads.	
accidents were much above normal. Southeastern Ps. 6-7 Night 80 4 Snow	
Most Areas 11, ? ? Freezing drizzle Hospitals reported scores of induries and falls due to as	much as
12, br rain six inches of snowfall. Minor par accidents occurred with estimate of damage given.	1 110
26 Hatboro, Montgomery 21 3:45 p.m. 4 Wind	
Traffic conditions throughout most of the state were Quits hazardous because of freezing drizzle and/or rain High winds caused massive steel structure on construction	site of
for prief periods on the 11th, 12th, 24th, and 25th. an automated warehouse to collabse. The accident will se	back :
Northern Areas 29- 0 0 7 Flooding construction by 3 wheeks.	
Puerto Rico None reported	
Rivers in northern Ohio reached flood stage because of ice hams but few residents had to leave their homes. The Rhode Island None reported	
ice hams but few residents had to leave their homes. The Khode Island None reported ice hams acted as dams for the runoff from melted snow and the rains of the 18th-18th. Totally, the flooding	
resulted in only minor property damages.	

See reference notes at end of table.

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	DATE	A E	I K	[5	KILLED	KJURED	PROPERTY	CROPS	į .		DATE	E.E.	N.	<u> </u>	KILLED	NJURED	ē	CROPS	ĺ
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South Carolina	1	}	}	}	1 1					U.S. Virgin Island	İs	1	None	repor	ted		ì) 1	1 1
Statewide	8-9	ď	i	ĺ	6	0	4	2	Severe freeze		Ĩ		Моще	Tepo.	التكا				
}	١]	1	Ì	1.1]	Ì.	l	TT: -1. 1.)))		1 1			1	
,	Six	persons o	nied of	exposu	re to	COTO	1n v	prious	parts of the state two consecutive	Virginia	١,,	[.			,	0	0	0	Glaze
	day	s. Many s	water o	ipes we	re fro	zen	or bu	st. a	serious natural	Tidewater	6-7 Loca	l areas o	free	ing rai	n.	U	"		01925
Ì.	gas	shortage	develo	ped and	four	othe	r deat	hs occ	serious natural urred in weather- d in the Charles-	ì	1	42000					1		'
ļ	rel	ated accid	lents.	Thousa	nds of	fis	h were	kill!	d in the Charles-	Southwest Mountains	11-12	(0	0	0	0	Glaze
	ton	area as s	Salt-wa	ter tem	peratu	res	n co	he in	ays and inlets		Loca	1 areas o	free	ing ra	n.				
j	age	d man at	Johns I	sland i	n Char	lest	on Cou	inty wi	luded a middle- o was found out-	Southwest Mountains	18-19				0	0	0	0	Glaze
[goo	rs near hi	ls home	, a mdd	dlo-ag	ed w	toman i	llound i	n her home in			l'areas o	free	ing rai	n.		[i
	Eut	awville in	n Orang	eburg C	bunty,	two	MOTHER	, one	middle-aged and		ĺ	ĺ			l í				'
\	one	d man four	touna ndin s	saw mi	r wind 11 tob	ateq 1 sh	ed in	Ocone	rtanburg, a middle- County and an Own. Two young Honea Path in	Washington	1				1		}		
	eld	erly woman	found	in her	small	hon	e in (eorgei	own. Two young		17-		١.,		0	0	5	6	Ice Storm
	boy	s, one in	Lynwoo	l in Ai	ken Co	unty	and o	ne in	Honea Path in	& Southeastern Countie	els 19		ina ia	n starm	i, ,	cent	VASTS	OCCUIT	red in the
	Ana	erson cour	nty wer	s grown	iec whi	տ եպ	tey ie	ար առու	ingu ree on bourse		Colum	bia River	Gorge	and ov	r th	Sou	theast	ern se	ction of the state.
	I moh	ile accide	ents in	Greenv	ille w	hen	their	CATS S	separate auto- Midded on icy		The r	ost exten	sive d	amage W	as in	orch	ard ar	eas ne	ar the Columbia
].	str	eets and o	crashed	into o	ther p	utom	obiles	e Cor	siderable damage		Rive	Gorge.	Prelim	inary e	tima	es i	ndicat	e 50 p	ercent of the
	Was	done also	to th	e state	and c	ount	y road	syste	ms.		walnt	nt groves	were d	estroye	l. I	e al	so dan e Caso	aged q	rchards in south- Power and tele-
				ļ	}					1		lines we							
South Dakota	١,	1	ĺ	1	1			١	,,	1	1		'		i 1				
Northern Black Hills	1	į	Į.	ŀ	0	0	0	١ '	Heavy snow accumulation	West Virginia	(None	repor	ted	j			
		ŀ	1				ĺ							,			l		l l
									o decades	Wisconsin	1		None	repor	had			}	
									thern Black Hills	W ESCOTESITI			иопе	repor	1	ļ			*
	With	the 3 day	est of	snow a	Tan	ated	ior t	he Nev	Years Holidays.	Water	1		Mana	-		1	ĺ	1)
	foli	lows: Lea	d repo	ted 37	inche	s of	snow	with p	ions were as recipitation of	Wyoming		_ 1	мопе	repor	teu į	ı		j	į.
	2.33	inches a	nd Dead	twood r	i portè	4 46	inche	s of s	now with precipi-	* Miles instead	d of	yards.	in ca	tegori	es t	arv	ing f	rom 1	to 9 as follows:
			2 inch	e. Gu	ty wi	nds)	pf 25-	NO HIPE	caused widespread	1 Less than		Paroue							
	dri	ting.	Į.			- 1				2 \$50 to \$50									
Bast	17-		1		1				Prolonged period	3 \$500 to \$3 4 \$5,000 to	5,000	000							
	21	\	1		1	j			of extreme cold	4 \$5,000 to 5 \$50,000 to									
	١,,,,	L	L		احددا	l	<u>.</u>		. S	6 \$500,000	to \$5	5,000,000							
									t Brookings on f -33, -35, -33	7 \$5,000,000	0 to	\$50,000,	,000						
	and	-32. The	previ	us rec	ord 10	us vi	ere:	-26 in	1940, -32 in	8 \$50,000,00 9 \$500,000,0	10 TC	5 \$500,00 65 000	10,000	000.					
	1943	d, -29 in	1962 aı	d -31 :	in 195	4. 1	Daytim	a temp	eratures failed	5 \$300,000,v	000		,,,,,,,,						
									ngs. Huron and	1									
	5100	ed to cli	eporte	e sero	S10	ζυ, I	waen d	Bytime Boorte	temperatures d 36 below zero	Note: This publ:	Lcati	ion conta	ins c	ur bes	st ir	for	natio	on s	storms but,
	on 1	9th which	was r	cord le	w sin	e F	irst 0	rder S	tation was	due to the diffic	CULTI	ve net	ent 1	data s	nd c	OFT	or tu:	is typ	ll he car-
· ·		blished i			1 1	j				ried in the June	and	December	issu	es of	this	pul	blicat	ion.	1 10 001
	Į.					- (ļ											
Tennessee		1	1			ĺ		1		SUBSCRIPTION PRICE	CE:	15 cents	per	copy;	year	ly s	subsci	riptic	ons \$1.50
	7-10	}	{		1	0	?	0	Cold and snow	domestic, \$2.00 table to the Super	rorei	ign, Une	CKS a	na mor	ley C	ruei	rs sno	and c	orrespond-
,			İ			[ence regarding su	ıbscı	intions	shoul	d be s	ent	to '	'Super	rinter	dent of
	0070	dest weath	the 7	b Winter	move.	u in	to Ten	nessee	behind an Arctic ostly 1-3 inches.	Documents, Govern	ment	: Printin	g Ofi	ice,	/ashi	ngte	on, D	. c. 2	20402."
	with	a few gr	eater	lepths.	glaza	d hi	ehwavs	and h	ridges. Icy roads										
	tri	gered man	r acci	ients.	Schob.	la a	nd som	e indu	stries remained				U	SCOMM-	ESSA-	-Ash	evill	e, N.	C3/2/70-1150
	CTO:	ed for a	few day	s, due	to ha	aro	ous tr	avel o	n secondary roads.										
	rela	tively li	eht.	one dear	th res	ılte	d: a	57-vea	rubs, but damage r-old woman was										
	four	d frozen	to dea	h near	her h	ome i	at McK	enzie	on January 11.										
State)	1	Ì]]	- 1		} :											
State	20-22		()		0	0	?	0	Cold, snow, sleet										
									and freezing rain. d highways across										
	the	State on	the 20	h. Ger	erally	73-	3 inch	es of	snowfall was										
	fol)	owed by a	abzero	tempera	tures.	. D	uring	this p	eriod hundreds of										
	acci	dents. T	here we	re many	iniu	les	and a	few d	t a score of major										
	and	electrica	l serv	ce was	tempor	ari	ly dis	rupted	in scattered										
1	area	s. Damag	to at	reets 4	nd ros	ids	iuring	Janua	ry, particularly to										
	COM	ty roads	mas ()	"IOTOST	0.16	- 1													
Theres						- }) '											
Texas Near Sour Lake,	10	9:30 p	Short	Narrow		0	3	٥	Tornado,										
Hardin County	"	لا تحر. ` إ		VH		٦	ر		windstorm										
	١. ١			-74)	الما	, }													
									five horse stalls near Sour Lake.										
	Str	uctures 10	0 feet	away w	ere un	dama	ged.	The f	nnel was accom-										
	-pan	ied by a 1	oaring	noise,	heard	by	Mrs. I	orsytl	e, wife of the										
J	rar	m owner.	Strong	winds	caused	mid	or dan	age at	the Rosedale										
	Was	picked m	by th	osaumon e wind	and a	carp t h	ort be	n ares	g to John Reimer n.										
] " "			- "	uu	ea											
Utah			None	repor	ted	l	į)										
			"	- 2502		- 1			1										
Vermont			(l	ĺ		- 1			Į										
Vermont State	28-	Night		ì	0	١٥	١, ١	ا ہا	Wind alees										
	29	-14840	1	1	١	١,	4	0	Wind, glaze										
		Wind brol																	
ľ		structur	al dame	ge. N	ar Bur	ling	gton a	cotta	ge										
1	ļ	was blow	170m	its und	erpin	ungk	Ic	e dis-	1										
}	Ì	lodged fr and some	ut 5114	uing i v lines	UUIS) S	omash dha	ied tw	Cars	ing										
		a classi	10ns 11	re at 3	want.hr	. F	ומורו ום	r tree											
	i	limbs cau	ised u	ility d	utages	. A	i wind	of 60	Ţ										
ĺ		mph was i	recorde	d at a j	lakeja	hore	locat	tion ir	ı										
		the Burli	hiRron	ttered	wind d mind d	emak	e mos	TA IU	_										
		southern	section	n.	~~~~	٦. ٥	202.000	0	~										